Aviation Tews MGRAW-HILL PUBLISHING COMPANY, INC. FEBRUARY 21, 1944



India-China Wing of A.U. Cated: Bryg. Gen. Thomas O. Haran, commanding gleine day of sector of the India-China Wing of the Air Transport Command, rectives morning delicated their face. H. H. Armon, in U. S. ariation where he was formerly an afficial of TWA. He was chairman of the old Air Safety Board of the Cleil Aeronautics Authority an afficial of TWA. He was chairman of the old Air Safety Board of the Cleil Aeronautics Authority

Nearly 1,000 Lightplanes Offered for Sale

ATA Opens Study to Determine Rate Bases

Dr. Lewis C. Sorrell, head of Economic Research and Planning Division, conducts investigation of airline earnings, capitalization, etc.........Page 42

ATC Gets 'Commandos' to Speed China Drive on Japs

Recognition by Roosevelt and Stilwell of India-China Wing's heroic work reveals vast and growing magnitude of military transport organization. Page 7

Naval Task Force Moves Speeded Up by Plane Carriers American victories at Kwajalein, Coral Sea and Midway traced in great part to overwhelming carrier-based air strength. Page 17

Six-Engined Planes Foreseen in Few Years

Airline Officials Report to SEC on Stockholdings Total of 1.500 shares of Braniff Airways \$2.50



THE AVIATION NEWS

Washington Observer

WILSON FOR VICE-PERSISTENT—Record ring reparts of the development of confinent within the Administration for Charles E. Wilrian and Charles of the Charles E. Wilsons for President Romovells have been extract as Westington for stem four, but most political showeven in the equal to elitist charter of such abovewen in the equal to elitist charter of such course, in that he would provide Administration course, in that he would provide Administration course, in that he would provide Administration and their gradienes.

Whose or wher wee-percelorial possibilities, it housid be recalled that are of the monan und to past down a threatened revol' in the Democracy of the past of the past of the past of the solution of the past of the past of the past solution for the second place on the feeled than them. Whilever hape we may forward these house that where the past of the solution of the past of the past of the past of the solution of the past of the past of the past of the possing to the whole of the Cart forestive with considerable defaults bestore referred to be past to the past of the past of the past of the possing to the whole of the Cart forestive

TOWERS PROMOTION—The expected appainteness of Vice Admittal John II. Towers, factore chief of the Novy's Bareau of Aeronatics, now concander of Air Forces of the Furition Friend, as Departy Concanners in Chief of the Parific Fleet, course as good rows in the availansurfic. A piecess dyes and highly regarded by the Concession of the Concession of the Contraction of the Concession of the Contraction of the Contrac and the design of the second control of the

ALLIKOWA GILDER TOTAT — WYO INweight distinsing about positions that it between the recognition of the second programment of the second programments of the second programment of the second programme

during of American foring men are recorded in a new hook, "Anzersam Herees of the War in the Alr," edited by Hermard Mingoo, in congrebensive volume which sets forth as detail the

A passess tree and tagger regarded by the term youth to be t



AVIATION NEWS . Printery 21, 1944



AVIATION NEWS

Ancephere, Inc. New York Dielle News Corne-Wingle Cop. Associated Charles of Comments

Spenty H. Wood Mercone Phon

STREET, Mrstran and Was Print

the For Office 105 Earlied Hilly Davies, to

Advertisers Index

AVIATION NEWS . February 31, 1944

nower. Therearthly accurate bistories of the last war were elegant immonible because the This book seconds the history of this war as it is being written in the skies, letter more than

AIR DECORATIONS. The difference in all to



materiors suddly that the speciarsles depensions and results of the night saids by BAF horsher conveyed and the day mids by the INAAF true to abscure the daylight effect of the RAF in Writern Europe. They go on to relate that in every reanth except one during 1941. RAF fighters, fighter-bombers and medium booken married out of least 1888 declirks vortice en effentive operatural, and that these denot include sarties saids for delemme purposes on to western Affind abbusing

BONDER SIMPLIFICATION-Are the Brit-

ub reading place for sending fast, light basels saide Pols, the Bestoh "Mosquite" is fillent while this reastry forces shend in the servebooder field. Eritein is exploring further develepeopt of light, fast, magazerable bembers which need not be beavily atmed became they of chunkfying the hamber and looking to speed to turble the service. Intercoing developments

CONFUSION IN VIEWS-Views on post-war namer goods, said it was essential that plans safety standards, langer life, lower troval our motion methods of overland trans-One C-D product DIAMOND VAlenhad 5000 and proposed replatement design changes. DVF in a touch strong

MONeystellir with an extremely fenora network residence and creat ability to absorb shocks and

In 1911 C.D wheelverd DIJECTO, a feminated plants. fact maked "material of thee" DEECTO has placed as needly wearnest part in helping advance transportation sethods. Wharever electricity must be controlled C-D DEJCTO provides insulation that stands up under extreme

is adopting these and the other CD NON-metallics to I aboratory has accounted a wealth of "knew how" which is

problem. DISTRICT OFFICES New York - Governed - Chicago - Sportenburg, S.C.



Gontinental - Diamond + 1 8 8 2 COMPANY 1895 Monglosteres of Londonted Planties since 1911 - NEWARK + BELAWAR

Vegener 1 - Nemero 20



C.47 Douglases has been used. but the understanding in that they

New 'Commando' Fleet Shuttles Supplies for China Drive on Japs

Recognition by Roosevelt and Solwell of Indo-China Wing's work discloses growing magnitude of military transport or-

The India Chara Ways of the Air of the cargo trevels in Commercia. Transport Command is turning to There are already about 130 of

Lord Gon Joseph W Strivell The * Westher Constant Problem-The President coted the Wine for its C-46's corry \$2,000 rounds cross. work last Depurater General Still-

mement, and the operation of to

Corry Critical Suzzalita-Co the inbound true, they carry fael, parts ATC and the Chern National and of tragator, his and other cutan its activities. Marripade of the fact that on one day 1,000,000

b Benelos Stary-Dogelar racen-





A troop on the terrest on the investment of those AAF mend. Weeven laborers are shown currents barbots AVIATION NEWS . Petrusy 31 1944



BALLOON "TAKEOFF" FROM A CARRIER

47's-exercised DC-3's-that flow 4.500 'Liberators' Ordered at \$137,000 rura. The share crossed \$5,540 Contract peice compares with \$235,000 paid two years ago,

about \$9,000 pounds gross leed on

Medal for Mirchell Cal Walliam (Bully) Matchell, pro- Findestry Aith in Savine-At his

In addition to being director of now furly close to efficiency

the differential between cost and b Subcontractors-A study made in

in 1944 to carry out a close pricing

Development of Six-Engine Planes In Next Few Years Foreseen

Difficulties characteristic of guant craft believed generally overcome through aerodynamic streamlining and progress in entine efficiency.

By ALEXANDER MUSICILLY

While recent accomplishments structed in the past, most of them with jet preparation power have given fairly good performance, With most companies looking

more of them, or both. a conservative prediction that "urnall" feur-engine bombers and

six engines, or possibly eight or 112-Majored Craft Built - Later

but report corned sufficient pay-

has renewated as remails in the Firelitie Power Plant -- Since * Seppelus Bomber-We find bein! together, it is apparent that the record of a five-engage Zepactin. the scrateg) built in Germany dar-

my stace 1925 on a large course









ITALIAN IET PROPULSION PLANE:

A book on Gos Turkines and Jet Propolition for Averagi, auditabed areeditor. Among the photographs melvied to the cell very of the Cen-

to shafts operating the same proused on the Assession is another There is speculation on the exthis field. The only logical place fans, and while these divert some for an air-could engine in the cooled if its radiators are adequate Flighter Plane Designs-Designs of two fighter planes, the Bell

stixus the same flexibility of power, there still remains enough

h Accessible Engines When doengines can be taken out of the eague roses, where all power- for the first time those graphed plants would be accessible to me- men who are respectable for the radiators, and the extension shaft lating a crawl out through a wing a recognized production process

Plastic Tooling Society Formed

Organized by entrepropagate of

born developments adaptable to

A Officers-Named was-president was Treens A Berbert, saternawho has been credited with perfeeting the plastic tooling moceus

Harry W Torokins, of Carton-Charles II Miller, of Bell, tress-

arritream, a locusal development > Obsective-"It is the aim of this

AVIATION NEWS . Printing 2), 1944

New U. S. Agencies to Be Formed settlement and to the detection of To Handle Reconversion Program

Plans proposed in Congress and bureaus vary widely in policies and scope but all provide for establishment of separate

Senator Walter E. George who rector who as appointed by the Straird M Burath, who has

stanual," and that the actual carselection of the War Production

PromaRies - Henry Die become up the pumper of section. been upwilling to head a WPW handed down policies from Lutyre Descrip these complexities, the

Sloen (Cub) Taylor, necessity 351 of the America Leaves of b Gourge Prenages Measure-Many

since it embraces all the many problem of unions financial printing of \$160,000 was harriedly Marray Bill also servedes for much accounting office to a determinain accordance with terms of the Monapale Policy... The court no.

ation to be occurred by Recently progeneral office of cooperate ad-

Study of post-wor (manusal nonbloom is not aventing creation and in ready to make or guarantee Headerson Statement - Charles

Board of RPC, revenled that he



national commer in the energies & Assumed Though Stoller - In may be expected from BPC and Stales and Bell, who adouted the

Bell Group Back After Soviet Study

sir equipment against Germans.

beck, of the Ball Service Departman were made through direct

Benefits-When Bell wrote direct. Headed by Lebelton Barrers, as- Rell group was the first manufacmasses spent five months in Bas- that details be willhold



The Natur last weak released this photo, taken early in 1942, when the

total with RPC to the prepared to to complet fighter bases and Sov- two-fold, according to the report

which the techniques took with and to learn how to provide the Red Air Force with equipment non-

skill of Sovet symen and he

> Brought Staded-Rosults of the

Auto Plants Deliver \$5 Billion Planes

valued at more than \$5,030,000,000 AVIATION NEWS . February 21, 1944



run dry and then many on the

Beconstructed Jay Warcraft: Title plane, showing Material Communit specialists to determine its char-

bombers to addition to a proceeding

U.S. Rebuilds 'Hamp' From Five 'Zeros

AAF teen coaling reports lag

information for the Army Avi

Flasht and Progile-Command Black manuscreenbillity to dow in

ourrier-based place, the Heres's wing tanks, which together pro-The register is small and unuser Prior Especiated-The relet has

The AAF reports that the Harris In senal combet, and a weapon re normalizate as hardwarts." The state-

The power plient is a Nakapawa

WAL Agreement Western Air Lines and its flight

(AFL), have signed a working were and two 7.7 coldry sure fre Labor Pagel for appreval

AVIATION NEWS . Principle II, 1984

Nearly 1,000 Lightplanes for Sale; **OPA Studying Fuel Policies** Birts already called on 765 smaller craft, with additional ships

expected to be put on the block

By BLAINE STUBBLEFIELD

light surplemen are going on the nuction block so a result of invahdation of War Production Board's asseraft freeze order L-282 and the setting of a used plane price ceding by Office of Price Administrathere is no estimate as not how many will be offered. The plenes are being said because Civil Accountage Admirin-

his plane hask by bodden suct less

OPA. All other hads at cerling

F Should Inspect Planes-W78 are-

Airworthiness

spection of surplus asserted Corp., which are to be released

point training program, by

Stewart explained that the

summer of civil training sade to complete termination would throw Fuel Plan-Primary question in

on the 9000 planes in cambra. The crough fuel for all types of light-

minustrator's policy will be changed. It is probable, brwever, that Cold and abten CAA data on of planes, reasonable hours reened on both Lightplane and priet members to cooperate in conserving

Procedure-CAA and WIS offn ligt of the planes for sale, posted by each regional office or district closing date for receiving balls tion of CAA Budders should been on mond, however, that WTS had

were lent to WTS. DPC is now Additional DPC planes will be structed to turn over some of ris luison planes to WTS, which will courtewest by public sale

are Stinsons, Howards, Cearning here offered, by types WTS rerional effect mentioned above are CAA officials correspond conti-

issued: 3 000 in November, 2,846 in December, and nearly 2,000 in Jantury-a rate of about 24,000 a \$5,000 Of course most students

There were about \$3,000 pervate

planes in 1948 About 5,000 planes were purchased in all by DPC Presumphir

65 ho sod none is believed less.

Jan 15, culture WTS total netronnotice will be the WTS Navy slerision remediate the WTS typehous acceptance named for 18,000 ca-

Community Fields To Get ACCA Data Personal Aircraft Committee dis-

fines accountsed equipment, pro-

Finswence-Bood Chambura, vagoance Group, was a guest of the

of Waro, Joseph T Gesting, Jr.,

committee, but press of business



New 'Ouilt' Aids Airman in Distress

penche, water container, exc.

P. Welcht Un 5.4 Present Charles E. Wilson, WPR carcuters vice.

WTS Hearings A beging will be held short-

7035, which review June 30.

threader, and the case steel may

Allied Blows Cor Nazi Fighter Output

to produce combat planes is deagainst Dennis, Benganshwara

FPlane Every 11 Minutes-No. posited out that in one month.... a Pickelan Front Aircraft-The marries for tires and takes officials extent of the Appropriate street of ARCO paint out that much of

teens for allocations of observice street by the burder opposed. facturer is able to assertion his customer's end was from the madamaged, with a loss of 1,897 ture of the purchase order. Up to 2,000 possels per month for any were less than four per cent of

in tires. In addition, substitutes

prolings cables, storage haltery sens

War Preduction Based - Applica-

> 25.800 Sarties-The fighter comprocedure under which muruifarmand. String 25,000 sorten deswigest of which are Class II usedaged 238, with the lost of 150

last year at the same time, whereas they counted on a 40 percent insurpraft cushoons: Autotion toher FEDERAL DIGEST and flyery believes (corphone Wider Synthetic

b National War Lober Board ac-Rubber Lise Ordered Summery of week's activities in Tween Jane 15, 1963, and Aug. 2, U. 8 sed war agreein.

By MARY PAULINE PERRY The appropriate and appropriate occurs pory opulament industries much the WLD ruled on July 17, and convert from cride rubber to sexthetse rubber, according to a con-Operating Consultee on Average NEXY Bureau of Accommons and Aircust Resources Control Office.

The United Office and Profesment Workers CIO has since been statutes, but thus builden is the those employees, about \$1.00 un from the various agencies involved hour, rankes the retroscious payment fall within the 5 percent ucts for accendt where rabstitu-Meet Used in Tires-Although in the plant the bulletin was not leaved pri- > War Manpower Commission ex-

planer, without resure to its arresto appeal under conditions. The revisions holds that a statement of

AOTes of Price Administration wood states. In the case of account grade wreer last, buyer are surfaceized to pay specific oraces has order will permat contemped

Defence Plant Corn., has we creased at contract with Bases Trains West, maritime to an

with DPC has been increased by

The coursel commitment w Defense Plant Core's contract 930 for additional environment at a National Lober Scintisms Board benchming arent for these works with employees in the combact of litte officer in Lot. 795, UAW-CIO, or from in any other manner interfering with, restraines as covering employees in their self-General Majors Corn. Chevrolet

THE AIR WAR

COMMENTARY Naval Task Force Movements Speeded Up by Plane Carriers

American victories at Kwajalein, Corol Sea and Midway traced in great part to overwhelming carrier-based air strongth.

to these on fewer than 50 corner

One of the outstanding reviews are fast and formedable. Some of strength. This action has demonbrocking out enemy installations sed as cover for our own landing corners recorn to do the job. Hith-

un 1943 is the number and types

1942, the new Assessment in Sep-Marber Only one more, the Nanfrom 10,000 tax crossers. The sitoes of warships; pieceer Naval In the Marchalls operation, for

the other names are: Prescrios, b Flattom from Cores-Shins-Add During the extremely important convex but mable in combat un-Manages Aircraft Carriers-Almost 29 years now an American

were added to the flect in 1965, a

meta. Sor years later he and anin service a year are. We now beother Japanese mysl office watnemed Gen "Billy" Mrichell's recthe Miceballs with some 2,000,000 man crusters of the Vargous Capes



Signable Air-Strigt The peteron count of 16 years' experience, the Suralaunched in October, 1942. They planes. She was in order of Bengarranile, Anbani, and the Gilberts

motion that it was concentrating cife was and several more in con-Coral Sea (May, 1942) they lost the probably the Zarbaha. One month later, at Madway they lost the Kaga, Akega, Serya and Hyrya canal, a fact which resulted in

but our admerals are lookung for-

V. S. Naval Types Best-The 1943. a little over 20 months of action. the Cursor destroyed \$54 Jap. lurns 62. These spokade the lutest wing Zem (Hamp), in-line eneme powered Tuny, as well as the still corresponds anomalianud Zaka The less of the warplane's military ser-

Leathernecks Ger New 'Helldivers'

Arrack bomber version is some A new attack-bumber version of the Navy's Certiss SEGC Helichter. and the Reval Australian Aunumber of these planes Special Design-G. W. Voughar.

Towers Is Nimitz Aide Vice Admiral Julia II. Towsome sheets "deputy conrand to Admiral Chester W. Travers' present post of cors-

for a super dive-beenber that and further The two-place, allrecied, lew-molymer monoplancarries its men bomb load whally for currying additional bounds be- Field Behors-Taylorgrafts, Acrfood suckets gate in its warps Production of Relicious curcently is being conducted in the St. Louis and Columbus plants of child Arrend, Ltd., in Casada Figuipment—Al a recent assuon Average communion, the mene

entine and it equipped with a stant speed projection. The plane weight in easest of news and one

Army Pays Tribute To Flying Jeeps

Amiliery sir observation post project liabsplanes as mornes. received public and official recornition last work when the War Depertented Durawa of Public Bala-

to sperude obstor of various our-

segue, have been highly grand by artiflery officers on reassurers in this country. Although purcases are ortifiery afficers and men Without armemont, and some Officers of the artiflery are ob-

ervation post, who arrived in North Africa a year age with the The new attack-bomber version morporates all the advances and though Nam druce have shed or

AVIATION NEWS . Primary 21, 1844



Narines' New Attack-Souther: The new Carrier A-25 Helicites, etc. tock-homber cerson, is now being delivered to the Marine Corus by Curter-Wright Equipped for step, globe and disc boulding or well as Phillips

today as for a decade, the name which stands for research to produce from Petroleum gases as well as from Petroleum



AIRCRAFT PRODUCTION

AWPC 'Learning Curve' Shows Rising Labor Efficiency

Manhours needed to huild typical fighter peduced from 157,-000 to 7,800 in 1,000 planes, labor turnover declines rapidly.

By SCOTT HERSHEY New worrst manufacturets art In the case of thes tweezed dataset tame production was doubled

The Average War Production Typical Fighter Plane that in building a typical fighter 190 steam State S 1900 management (S) steam State S 1900 management (S) steam State S 1900 management (S) state S PARTY MARRIAGE

b Manhages Reduced - The 1816 slane of that model took 59,000 When it is recrembered that the the 100th plane took only 26,500 continue its strates in production

Bombers Still Gain Assure sports profession not only reflected a 5 percent made impressive in tight of a from Junuary by about 200 Despite February's from working days, it is felt in the

> Labor Torneyer Drage A major other symiable data also indirected

werkers that staying on the war

Chamber Statistical Compilers Master Representa-Shown have last to right: If Earl Lashrep, manag times of the Armst Nans, Mar Production Board and were recently to promete a continuou program of operation beneficial to reductry and poperances.

man, Chamber's Sconorac Development Committee. AVIATION NEWS . Printers 21, 1994 a sharter way fewer canaditas Banker Mankeers Cut-Support-November the companies lost only Sentember anyram of 22,097. In-

> manhouse, the 20th required 127 --*Reduced to 13,000-The 2001 the 1,000th was reached it was down to 22,500. The 2,500th plane

New Film Protects Magnesium Allovs

Consider makes mend associated

plane in manhours needed also

VETERAN AAR TUNNEL CARRIES ON Wright Field, is still in use. Duraster is fine feet, and managem as

benal weight to reaction vis rance.

Desistant to Current-The new

"Aira-Rocket"

type, built by Bell, has been designated the P-59 by the

Fisher Body Works On "Superfortress" Company reveals it is porticiped is reeling for new fighter.

Array's new bomber, the Suser-* Research Source for the coatrag. was undertaken in 1941 in Con-

Bell Alrendt Over's new maket of one most in produc-



BROACHING PRODUCTION FIGURES BASED ON ACTUAL SURVEY-





Buick Plant Tools For New Twin Wash

Engine to be built mainly for cargo planes, firm says. engage of the Posts & Whitney b Evice Teels Installed-Murlow H.

produced on the same machines. Goodrich, Bendix and sosembly lines Curtise said additional tools to Develop De-Icer accumumdate the design charges New Contracts Approved-Cur-

Group Incentive Plan Parestone Tire and Bubber Co.

ments will be computed weekly,



EVERY HUNDREDTH FORTRESS WEIGHED: Xxvvu 100th homber at Boring Arrengt to carefully tangened to deter-

New system is product of 10

sorr equarment in combeting all

Using rubber "boots" originally ▶ Control System-J E Guilck, of needed to combut extra-beavy

company first developed the mechanses! rubber de-jeer in 1890, Dinnalfed Planbing-Instead of that lee broken loose by the pul- plumbing," they said, has reade if

FINGER-TIP CONTROL

for MARTIN

A G-E Engineered System That Facilitates Accurate Aiming at 300 Mph

 Enemy fighters braving 'round a bomber on make things tough for a turvet guaner. But one thing now made outp for him is the control of his turvet—a set but a O.E. cutted switch.

on to electrically.

In a Martin turnet, the gunner does not have to move the gunn themselves. He simply turns has control headle—the turnet and gunn move correspondingly. Sensorthy, specify, and writing

out effort, the gazaner is able to tream and hold the mew projects involhis gaza on the enemy plane. The force of G.E. Schemerstein, N. V.

compense and how the various elements are connected cannot be told. But typical components are described at the right

besits are described at the right.

Designing and producing seconds systems for
flight, ridde, and power plate control is becoming
an increasingly important phase of General
Electric engineering. For information regarding
available systems, and occanitation regarding
area progress involving electric control, write to
the nearon Electric Control. Herita Co...



TURRETS

The G-E Turret Speed-

This typical O-E eisereft system facilitates control of the tented and its gass. Whole its layest and equipment specifications cannot be revealed, companies include the following:

 TURRET DRIVE MODDS Strandard G-E 24-vall 6-c intermitterh-daty unt of rigid construction and light weight Respect with your shall, element or magnetium and sheld, and double-shelded boil bearings.

modify amplified grown: lap to 10,000 to 11 from less road-fields adoptions, and method reaganes, invaring smooth, despendable performance scher requiry Chapter, Consider any Consideration of accorated personal residence of accorated personal residence of accorated personal residence of the consideration of the biological control of the control of t

so field curred and maintain caretaint with ego ender varying generator presed end land figuraged with equalizing soil for equal division of generator lead in main-engined alread?

5. ARCRAFT D.C. ORNIEATOR, Supplies

electric proves for Gri-E-proves puckaged* and other electric egologismis, or well on for honess. Especially light in weight, with high evenlined coparity. Special shell convivation withsteads vibration and torque pulsations.

PRECISION PRODUCTS
AND ENGINEERED SYSTEMS
FOR AIRCRAFT



GENERAL 🋞 ELECTRIC



-what's in a Name

It All Depends on Post Associations and Present Circumstances.

While our this was on the ground, I speed a Bruse There's plenty in a name -when it's the familiar trademark ignition should and told the much, I seled to build 'one runs across it thousands of miles He around and reed, Best It means a lot to ham then, bedome shall there it and with that me that expanded skill and experience that went to trice extend, a problemant duct, of the inspections that it like that from a motor dec ed worths to your that trademark. ulleds the swell int labe are doing back beind

line. Kup it U

name represents—the oride of a armbol of opportunity for the places coce regio la a peacesime

That's what's in a name-a rerainder of the past and a promise



PRODUCTION FOR VICTORY . PRODUCTS FOR PEACE

AVIATION NEWS . February 21, 1944

Flight Schools Look For Post-War Jobs Hope to continue as emining

centers for Army-civilian 1984

Wendell County, president of the serve contract fright acheal spora-

Mortalky Rate-IL declared firm air force has tought more than about Army contracts, Taxon mer a

+ Civilian Counterative System-Although the War Decariment

Classes Began-Back in May. 1939, when the war clouds were

Air Bills Swamp Legislatures

lult" First, these had to do

administrative officers or ages-Metanil's report firted amone

is for more lives above these fines. New Jersey, New York, Rhade Island, Seeds Caroline and Ver-If 1944 exactments de falles the sattern of these in 1843, by

The percent was immediate. Schools were set up and soon

and this time the classes were ter Washington



CREW LIGHTENS CRIPPLED MARAUDER

AVIATION NEWS . Printery 21, 1986

PERSONNEL

Correll N. Presch has been associated served as divisors superintendent at trial Belotlone Dept at Booking Air-



with the Industrial Relations Coun-

present especity he will direct ac-

Hath B. Deve, vice president of

Devision He succeeds Rdl to a farmer postson as head of the

puny's operations in the Chana-Barrus-ladin pertor, Care W. P. McFed. engeral menuer of American Air-Abstrater P de Sevendo is broad

tentete Arrestt, in addition to his position as vice-president of the cerr and H. P. Rea, factory super-

intendent under House. Deni E. Steudouser has been made naccooks Marie Hedler, who has been light

John J. Lee (right), respect representative development of the been "lest" from the Airplane De-

cupanize in the program resisted by the AAF has necessitied these John College, Transcentmental and Western Agr. Inc., vice president O. B. Houser, thee provident of oper-

nother remains a member. Fifth





NEW NAA PRESIDENT AND FORMER CHIEF: William R. Envart. left. has exceeded Cart. Gill Robb Wilson, right or prendent of the National Aeronaute Associates. After serving four terms. Conton Wilson resigned to become oxistion edger of the New

Gers. John Digly Levis has been acdirectors of NAA Engert, president of Sentroads Aeroensymus, Inc., tions in September, 1943, and has



SO SMALL -**BUT SO IMPORTANT**

t. The full from all dominative whenties in all directions is obscribed by this new type of mount below it reaches the make such contracts. or give responsible service life. Proofee he delicate sustained beginn devices will be pro-A. The record life of radio equipment will be

8 Notice expresses one extended of the problem

incolon of abord unde The Bidomas expenses this handles that employeeing work and for violes carried parformance on above on 4. More measing and allowed halos out to F. These mounts have been tested and one used have before yould not pass type been by its U.S. Sayry and the U.S. Joney. *Western Electric and Westinghouse are using Robinson-designed and built

ROBINSON AVIATION, INC. 190 Figh Arrage - New York 18-18

Dr. E. E. David, chief medical officer of Trans-County for Lones has re-

consultant to the HAF Dr. W. L. Barrey, director of the contrel research of the Sporry Cyto-

F. T. Ward has been appointed as-

bunquet He was analogation of altra bath fromency

of these principles to engineering Kessek C. Rose has been appointed

tion in Weshington, and has noqueriers at La-Googda Field. oveds Marine Clerk, Who is

Frenk N. Ffedige (1sti) and C. Are-

assumed to Durant Petrokin, Jr.



Press Seeled Duty, Jr. (Photo). srea. He will

7kilbas Board of the Ryon Accountical Co. Co., of Philippoints, R. L. and a dibeen a substantial stankholder in west TWA 20

Parent was employed by the U. S. Lee N. Brates, who was asked by the Marc Electe Sowers, formerly reser-

Arrive Dursp has been rassed plant

field representative of the Aerenasern territory He

will describe as linked between the

TRANSPORT

Wichita Conferces Correlate Plans For Post-War Civil Flying

Kansas State Avurion Conference delegates bear demands for immediate planning of airports to accommodate private flyers

State Avatas Conference had landing strong of prescribed lengths use field without manner, large

the state. The apport is fundaa Michaest Interested - Defection

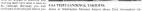
Sym, madically ideatified as Conns, with a million dollars in war 1.000 families as advance payment

Front-Way Air Cor-Don Florest.

Nonemary Features-All dele- takend characteristics of normal alones Motorial is concerned to be

"When you and your nearbhorn

File Size Net Necessary-The in-



arter stressed atrport planning- refugble in airport ranges inclus-

the broadest phase of arrests on- ports. He are maximum relate eration. Yet, their aloport require- pervice through ardesty develop-

Legal aspects of surport plan-Airlines Represented - Airline

TWA, extressed the line's ceeds are transport operators would "dis-

sentators. William J. Lawson, ureb Confinental Police-Donald A

hac , which proposes to operate air

Data on Landings. Takeoffs Compiled CAA senory on sandy as north

netrously affect" not unly the new

vision of A. L. Morse, chief of the is dedicating its planning "to the #Started in 1926 - Armed at overvcameras, recording devices and been going on since 1940. Texts ports of different altitudes and They have been conducted anderdifferent combinations of wind



tens on plane rental by private Fred Lanter, CAA director of Wer Trapping Service, Such stees

caree service. At present seats are left in the ships diverses in some. WT8 by the served farces is direc-

Detroit's Airport Sets New Record Oversting profit and new high

War Procustions - The 1942

The 18,521 aurine forbes, about thun in 1942. There were 176,916 lines, 1.702 malmary, 1.454 conduct

2,588 planes moving to and from were dispensed, excluding 1,900,-900 gallons serviced by the three courser station based at the sur-

rong comprass 100 members Most

hne offices



ALL AMERICAN'S FIRST WOMAN PASSENGER Mrz. Allane C. da Post, undoo of the late Nichard C. da Post, is the

120,000 serline passengers starter TCA Mail Record

about 500,000 letters, and 500 'Copter Fire Guards

Beaverbrook Speech Studied For Post-War Civil Air Policy

Expresses readings to join in intermetional conference, virus ally invites use of Britain's air boses by other mations.

Leed Remurbook's most recent + Open to All-"Those unneader speech before the House of Levis, must assure to all countries a free and on post-way civil information or small, except of course the

hermany agreement We are

When this international confer-But "When the time comes, our world" esples whereby oval awation our scattered, he added, there are few welding the netions of the world fit can be collected. "Just the

Securitary of Constante, the might result in coreserval Becks Boosevek Program-And

where in four West African colbeen built. Other work, particularly enlargement of my fields, Prox.-War Possibilities -- Formerboook suserted the British Gov-

We have an empire in every h Pets Hours on Vestb-To fruch

ernment satends to take "fall

And in all of Bestson's plans and AVIATION NEWS . Primary 21, 1844



Volen, Air Policy: Lord Respertment Cefet, Ired press and salone

Fledgling Flyers Today ... America's Airmen Tomorrow!



THE second flying instruction of an Aviation Codet and the lowe haves of academic work in the class cases . . . are lacked up by a program of solitary delli, ethletics and precies Army discaption . . . qualifying Assistion Cadets for the Army Ale Faccos. A complete staff of Army officers cooversten with our large arguntation of trained personnel at each of the Primery Training schools operated by Georgia Air Service, Inc. Life in a Could Compact school is one of a highly arrespond section from down to dook . . with morely high and a spirit of termwork and corrended to which is instructly recognized by an en automorphism Ameri can characteristic contribution to the excess of our Armed Forces



For Air Conference

British eagreems to promose formal senious on synthon feith

This will lead the importing gevernments and mountly other landing rights for consumerabil

have fallen through each time it appeared near. Reports of the

The representatives probably

ideas of their own about post-war war internstional commercial avi- land favor devising international store. The desire to settle the trank restes by referencessal

II. S. Tokes Irs Time problem treals its complexity on agreement, retention of full rights

Dordeies Pressus - Canada

State Department are officials.

Aviation Psychology Institute Formed

FEADleratury - Those are ones. tration, which is 1929 started

During the war, emphasis will

LOCKHEED LODEST AR YOURS ARMY CHIDERS

The Lockhood Lodestur or proving uneful in the Army Lodestur, or C-68, is being used us a plater toughture

SAF Rounds Out Services To Meet Post-War Expansion

Air Teansnore Engineering Activity Constitute named to speed solution of problems in string operation

The Society of Automotive En., will finite on Air Curry Meeting

Bendand this group, eleverth of Jones Asks Bigger ines Luttewood is well known for Budget For CAA Commerce Secretary Jones tells Association and Arr Cacao, Inc.

new SAE compagne are Torn Wells, Western Are Lines, vice treet, A. L. Bentl, Wright Accountier. Transombnental & Western

neering problems of air transport to those of SAE's Transportation

3 New Services



k World Delay Facilities.... Sefere

post-year nerved before evene head



For Complete, Accurate Tests of Aircraft Pumps of All Types · · · Vacuum and Hydraulic

This Edward Teat Date (Type 131) shocks both vocum and bedyone that, This Liberty and breed is alred for pursuasent bases, cor echelon court, check-ups, and for plans builders. Write for complete reformation.

LIBERTY MOTORS & ENGINEERING CORPORATION BALTIMORE-1, MARYLAND

MANUFACTURERS OF AIRCRAFT SERVICE TOOLS AND TEST EQUIPMENT

the president undustry of the resmoplaying that "We would have no

F. Unserviceable --- When a Con-New Applications

Include Airship Bid Connector seks world divisible rouses, other requests filed with CAB daring week.

Delaware, asked authority to operate the following router, using Washington to Barnos Acres via Washington to Calcutte via

• Washington to Brustone via Lon

Other applicants are Empire South Suburban Sofeway Lines. Feeder Routes Asked-Emerc

\$50 Ouestion The question as to why pro-Airlanes' suggestion bost

The vice-prosident is Albert S. DePosso, now a United Air Lines John E. Schriegen, who was forvice-president of Curtus Wright Appliance Co. Buffalo, will be

) South Suburbon Lines-South Suburben Sofeway Lites destres property in schedule operations on and Cape Generican, Ma-190 route-312 males. Chicago and Centralin vin Bleemington and Platrocute Bus Line-The line gle-engine Waco, Stirson and vis Twin Palls, Idaho and Elko,

of Persona in 1839-41 and promote name Adams Enterprises in Spanobal and Selbon, Cristobal and

Minnesota Area-The Devton Co.

cago reclospolitan new service Toronto, covernor mace than 50 Chicago Howavord, Gary, Characo communities at southern Ontario Brights, Johnt, Ascora and Elgin- and Quebec, none of which now

Free Enterprise

... INCENTIVES AND TAXATION

There are three principal ways of making a living of the Federal government were roughly twice

- Getting on someone's payroll
 Lending one's average to business
 enterpresses.
- enterprises

 3. Starting or helping to start, a busi-

About three out of four of us fall in the first group—we are yel-holders. Millions of us get some mocrae, large es small by founds our swrange-describy to threels, both delends on swrange-describy to threels, both delends on swrange-describy to the state of the state of the swranger described by the swranger described by the swranger delends of the swranger delend

are part covers of enterpass are 300 years. The amount of equiplyment in a consumpty objects, in the main, on the number of persons who attempt to make their livers, or part of their larvas, by groung jobs to others, rather than by gritting on someonity payroll. A commanity service, the commanity entries in the service of their distributions of bring with strate of bring will strave to make job giving a structure and a high standard of bring will strave to make job giving stratective and to encourage a large part of its population to be jud-givent reduct than more jud-

The armshor of two who interpt to make their long in which can part by starting now businesses or by expanding old once depends upon the solitois for profits. When the outlies for profits improves thousands of sone years of part in property of the profits and the profits in the profits in the profits in the profits. When the prospect for profits becomes fats. When the prospect for profits becomes directly the demand for labor, oughly and paw materials drops. It may be roughly estimated of one billion deliber misses the demand for labor, oughly of the longer of one billion deliber misses the demand for labor.

of one billian dallies raises the demand for labor by anywhere from two belling dallies of a bre billian dallies. One of the principal determinants of the outlook for profits is the sensourd and the nature of tooss. After the way, the Pederal government will not be the early year about treatly hillian dolned to thise early year about treatly hillian dolned to thise early year about treatly hillian dolling. The profits thins the ericent required before the over-three thins the ericent required former the over-three thins the ericent required

of the Federal procuratest were roughly tooks as large a conjected prefair as again and as a large as conjected prefair as again as mostly three times copposels prefair in a good year between the prefair and a good year confederal prefair and a good year confederal prefair and a good year confederal prefair and the endangement of the confederal prefair and the endangement of the confederal prefair the war believe the war. For more than ever before years are progress to be a good as the progress to be a good as the progress to be a good of the effect of those upone simplyments and the standard of the

the usus, the thicking of the citizens. Series have selected descripting findiniduals and business firms from understating new and eclarged personance. Other tunes have Talle on no adverse effect on investments down taxes are a burder-or and the contractation, despending or the native of the taxes. It is obvious that different leads of tooss have different economic malances. We result washerned to the contract of the contract

What we she had a discount to a make the

- Taxes should be designed to encourage production and enterprise and to scale it attractive for a large number of people to sam all or part of their living by giring John to others.
 Taxation must be july in principle and administration must be july in principle and administration.
- intrafon, with no discrimination between persons in similar circumstances.

 Towes should be apparent and not concealed, and should be levied in the main, directly more inclinidation to that mark of an off brown
- and should be levised in the main, directly upon individuals so that each of us will know how mash our queeness is control to the main, directly upon individuals so that each of us will know how mash our queeness in our lateral tower lacous for the will believe on an at his lower lacous levids will believe on the lacoust lacous apparatificity that will heavy tiese on over sumption which the tauguter does not see become their upon little in the stricts he was.
 - 4. In the aggregate, taxes show

- The tex system should be coordinated with the breeder objectives of monetary and final policy.
- Federal, state, and local tax policies should be interested as to urinousles and objectives.

can be extraordy manufacturely, or leet, it is untilized farranging in it is econference and inhalize and direct twen and of contrienty natural procedures and policieus, with an econogricolause consenie institut. In the direct contribution of the measures. It is that if the extraorder partition measures. It is that of the effect conceptualities to in a particle for the knowle conceptualities. To may make the form the process of the contribution of the contribution

ever suspect it by Isaking it our risk system. When he was so one; there must be a biraccut, when he was some care and should be reduced substantially; set, to the process of reduction; change can some residity to a faller worse delication; change can some residity to a fallere were delication; change can be taken as callere were despited, and the state of the state

The following reform measures are needed in detail together.

1. Repeated of the excess profes has at the earliest researche data after includence descript sub-

ation. In the case of most anterprises, the excess profits tax destroys all intensive to do a larger volume of business than in 1920; it appropriates withouthy all increase in profits above the level of 1920.

5. Coordinate corporations and instrument are come times to use a wind deathle tension and expediments by talk-taking. Perferably, corporation inseries times should be wholly alterizated. Observine, the corporation is notes should be reduced to the lowest ellective sets on passocial incomes. Full credit should be given to stockholders for all corporate forces tame paid.

 Economese competition and particularly the formation of new enterprises by allowing new corporations generous tax econoptions for a period of five years. Extend the same palaciple to unknown-particl concerns.

- Encourage stak-taking (and hence |cb-giving) through extending the loss carry-over to six years or more.
- Provide for averaging incomes over a period of years in order to remove discrimination against those with irregular incomes and those who take tisks of less in husiness was
- Bely upon the present incress tax as the main source of reverse, with broad coverage. The reduction is total toom after the war should fever the elimination of section taxes before reducing income toxes.
- Reduce the upper range of personal income tax rates to a maximum of perhaps fifty to starty per cent so that raticisking investments will be really attractive. Higher rates are punifies in character, yield small receipts.
- and throttle risk-teletop.

 5. Encourage stabilisting by tedevideals in the higher brackets by making the nature on incomes of \$50,000 a year or more half as words on become in the form of dividends as
- Encourage risionaling by indirectable by promylling capital loanes to be charged against quested loacese provided the reduction of tax liability in any one year in not more then
- fifty per cent.

 16. Repeal the tax-excesspt privilege for all new accustions issued by all governmental justa-disfers.
- Elizataria accine tenne which ploce a dispreparticinals hurden on persons with lower tocomes so an to encouring question consumption and provide an expansion auxiliar for our west industrial canonity.
- and procedures, to broaden the scope of especies and to encountry the spari of farmers.

 With such reforms and continuing reapposited of the tex program on a shocks the economic stra-

encouragement to free enterprise and in ottaining continued prosperity.

Mali H.W. haw. N.

ATA Opens Study of Rate Bases To Determine Transport Charges

Dr. Lewis C. Sorrell, head of Economic Research and Planning division, conducts investigation of serline company earnism. canicalization etc.

Research on valuation and rate passenger force, mid-pey and toy-P Bate Back Dispused-The Fo-

expenses for gross receipt per-HELP WANTED * Budget Increase-The Roard au

PRATE & WHITNEY AMPROAD code or comes codellations. Assess on

Astronophical and machine and completed orginery for heat separation, find sys-Отпри опримени Project engineers

Levest destrance Extent destrance

Technical Cleatures Metal wollers UAL Cargo Gains (Right best) West water wife is very one multiprotein to John

traffic and transportation work

1940 Extress was 12 percent

barber, rains from 202,274 ton poles to \$19,260 A Chicago-San

PRATT & WHITNEY AIRCRAFT

All Along shall be show In conformance with

CAP Training

Panagra Lists Gains Of Last Five Years

From 1930 to 1943 there its

5,655 to 5,580, or 55 percent; plane axiles, 1,540,497 to 4,709,699, or 540 nearvis to 2,000,000 nounds, or pounds to 259,000 pounds, or 345

playly in helmor rentace Axin-

while the importance of express operations should not be overMore States Draft Air Regulations Illinois and Torus icin Michigan

Hirnes the No. 1 state in aviation The Communion is drafting the

tow remissions now, and surveyts that they may lead to creation of a national state sylution pettern named. The speech olse has studand proposed surport facilities Nichtran - To the nurthrest meanwhile, the Agre Chin of Michusen in selecting on a letter to attach

legislators "whether Michigan in The Club appealed to an erner introduce define "creduise" with a bill drawn by the Aviation Ada vuory Committee to the State Plenning Comentules, Bruce Auderson, of Lansing, chairman of the Committee, said, however, that at fore the centiler 1945 severy. Gov.

in his message to the legislators. Wen't Press Measure-Artise De rector Thomas Walth of the Michi. get Board of Aeronautics and a member of the Committee, said the measure at this fine, The clab's letter was signed by dent. It sharped that on ordina

efficient who is also a member of the Coversities, had blocked consideration of the Committee's bill. Sobert J. Wilson, vice-president miller member. PCA protested the

granting of a state helscopter per-* Confucience "In record models " the chip letter said. The Police an air tracking persus to one to earry manningers and property

when the ship symbed into the An official of CAR's Ave Substant Bureau said the group of investigaters was larger than usual betinging drings. W. K. Andreas still smaller few in Plat or chief of the irrestigation section scences that it is starting an air-Perry Hougion, sensor air safety

ry Boonstre, oir calety investigato effect state agreementies envired change until 1945, when it is exverticator at Santa Morora, Calif. - Www.even-Arnous those testify-This is the Lovelndy state zerorantice control hell successed by

from arrows. In that minimum?

Orresition-But CAP relate re-

successful surport operators, serie nate field and plane owners, agrica-

companies, account manufacturers'

Corps officials opposed it Senator

and necessity restificates for com-

mercial are investory, although

both prusing and ground weaven

asserted "exclause state soverentale over the surveys above

whatever." The bulber contended

this would not interfere with ex-

with an armedrant that no state

and later attempts to swrite of

CAB Investigates

Crash at Memphis

wreck; hearings this week,

West Control of the Part Profit Man

Night rembers must to probe

were unsuccessful

The state Senate passed the bell

Leveledy revised it to provide cely

The plane dived into the rawe partation, sygnerized and other culpts and inspection and bounger also called for atote certificates

· Connects on the CER Dumbers' repo

 Exemples: Viscost 1., Clearwalt has un-fixer II on dependent date for backing of treate to Christia Liferor' small rate man Colonial thipset in the Brooth back to make half provide more over PAB 1 or Rate and resemble; substitute that the back rate of the colonial content of the late of the resemble; substitute that the back rate of the colonial content of the late rate of the late rate of the late rate of the provide colonial c 25 4] month per planer mide in the leve dis-sorbed the served or according to a perchanting studied the served or according to the construction of the day of 1905, as a \$45 has no whigh in their value a performance finan-ed efficiency of amountain processing one or add efficiency of amountain processing one or included seed other periods. Occupied were given to fill their or in second caching Call practical into a negle proper section from Transmissioning and W Air and America to restyle feetige

Add in behalf Smith. Take and Maleston City or knytombran polytic between St. Loss and Assorbie. Assorbied beginning in robot Smith as or between the pipingling in AM-ia between lighting-bid, and Types we make the common significant for an extension and extension of united to the as-mistation and extension of united topics of the common common common states. · Hardwar's spending of service to Key Wood shough you of Manager Park as you by the Decod subject to the constraint assets on the State of Salarania and corner operating on

* CSE conversed was artest for the conscious are represented broadly store to E 1 Warder couldness or News and disease to Sentence of Aldrew Charles

• One commune is the Lein America gra-swelling layers to flow latin fluorables. Financial fluoration filter but such and multiple with in michaged stories. The pottent of tuberillons may transmitted in computing over a polyment. Wren is the Detroit Strategy of the William Strategy of the Control Strategy of the Strategy o

 Cold decayed the date by the bening as the results of Higher Del Gregory's pro-cide county of TWA to Feb. 18. It had been not be feb. 17. The CHL approval Fire American's papert that interesting the matter brinded to the End with the Rend mattering Fee American's representative for the property and the Chle appropriate to the Chle and the child the chi As agreemed sweep Northwest TP and Chicago and Sections relating to furnition to it into meant property by Northwest Cherary sensitional experi was received to

AVIATION NEWS . February 25, 1866

FINANCIAL

Airline Officials Report to SEC On Stock Holdings at Year End

Total of 1.500 shares of Brazelf Arrways \$2.50 consecon sold and \$400 seven away by three executives during December.

Lanes, Inc., reported to the SMC

Three officials of Breedf Acr. Common Stock of Western Acr.

menod of \$300. In addition to his

bringing his holdenes to \$790 away 964 shares in Depretary Joseph T Hartron, executive

but notices Mr. Second's habitions, in 1986 shores William Y. Whelroving horn a total of 900 shares b Released by SEC-The transacpresident, received 400 shares. closed in segumery of security shares each, bringing their heldcertar of Pan American Accuses + Glenn L. Martin's Holdings-Corp. perchand 960 shares of the Closs L. Martin, president and 2.000 shares Harald M Toylor

ship of 1,366 shares at the close of rales of 460 shares of the company a h Western Act I have William & mere than 35 percent of the 8) per holdings at the end of the year ending April 30, 1942

conhanced at 500 shares. Seconds

the SEC molude: Sale of 600 shares betwee 2,600 shares of the com- of 40 shares of Rell Arresult Corn. man of the close of the year to 10% - tor, bringing his heldings to 440

Financial Reports F Continental Motors Core reports

Care respects for year to April 26

Northeast Tells SEC Of Financine Plans

how the company will ellocate the

FLours to Be Bedared—The cum

The run of \$526,528 is to be add

Most of funds mised to so sure Symptomy Development Commet. \$5700 Laid 06-51 the Decidio

Wester, H. W. Cohn, Northcon. The meetings were closed to the

Retooling Lavoffs of \$41,022 will be applied to reduc-tion of outstanding bank leans. Affect Two Firms Carrie-Wright and Donates re-AMAND DIRECT TO MED AD CITED

Approximately \$468,586 will be

NAM Leaders Hold

Post-War Talks

Leaders of economic, management, labor and war veteran

AVIATION NEWS . Petrusy II. 1944

study a 'common post-way pro-

planes. The Douglas Company ex-

Figer Plant Affected-Another sircialt plant affected was Piper

officials of the Unried States Emthe pleast shifted from a 40- to a Of the 285 telested, the employ-

Breeze Dividend

Mar 1 In 1943, the company tend Fleet Builds Parts

FDITORIAL Flying Utility and Economy

E very tocat, state and U.S. government official with any aviation puradiction should read State Aviation Conference lead week for a girmper one the feture that ravid evident may story, with proper cooperation. For example:
Culver Aircraft Corp basit one of the best lightplaces in America before the war. Like all other Yet its vice-president and general manager, About 40 percent of these are from pilots, or present or past owners of planes. Culver has re-

hundreds of prospective distributors who have offered the company as much as \$10,000 for certurn territories. There appears as much confidence Measurbile, Culver's plane for production and sales go abred as rapidly as possible under stress any yet devised. That is the goal of all other progreative comparing in its field-on ideal cross-"We vipusite an arrulane costing approximately \$7,000 We sturn lim 140 to 150 wiles constru

speed. We visualize pilot error out of the cockpet, a plane easy to fly, that lands slowly, that has

Purasson surcess from England, passed by U.S. censorship, indicate that the AAF in Britain is ties and dropped more bomb tomage than has the RAF based in the British Icles Hanson Baldwin carry on rands by 600 to 900 heavy hombers, plus as almost could number of fighters, plus medium Mr. Baldwin-and not a War Department spakeman or press release—further reports that "our percentage of losses at daylight bombardment

no hazard." Mr. Woodbury points out when we are building no commercial product." unique. All of the members of the Accomutical ter have armine plans for products—some with ower cost than Culver-which will set unarreceture Competition will be sharp. Everyone ever

Vet all of the Hebitolane design and production ment do not unite in a sensible national plan for arrogets, air fields, and leading strips to bring the It would be a grave mastake to over-build over-

spend, and repeat the matakes of the great ranks utility and economy, not grandeur and "cover Government officials who try to sell an unneces-

AAF Steps Up Its Punch

ing back recently from England that our daybubl rusts have been more costly than the British attacks and that we are lossed too many planes in attacks. Beturning visitors from England have Demartment moral have usued officially weeks ago Because they conflict with frequent reports filter bombing theory

THE GENERAL 9x2 EXPANDER-TUBE BRAKE AND 7.50 × 10 WHEEL



Check These Features!

\$1-metallic drum offards rapid heet transfer from broking syrface

Lighter weight ... preater payload Heat control eliminates dram distortion . . . brake "fade"

V Langer service life

The GENERAL 2 x 2 Expensiv Tests insite and Wheel-partially accounts THE BRAKE WITH A "Soft" Dedal!

Yes . . . , the dram discorsion problem is licked ... m m denegrous beaks "Tode". . . thanks to down in the GENERAL Expender-Tabe brake Under neveral flight conditions, in extreme cold

passed rigid service sens. Dynamoseser onto for the brakes have met and surpassed stringeor strength requirements for the static load string of the wheels For longer service life ... suppler

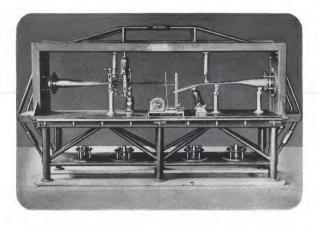




tacition are available for immediate delicery

Write, wire or phose, Aviotice Division THE GENERAL TIRE & RUBBER CO., AKRON, O





MUST GO STRAIGHT!

PROP must be absolutely true and in perfect balance. So the maintenance men now have "jigs" which permit them to straighten props "good as new," right in the field.

These same maintenance men are experts, too, in getting maximum performance out of engines... and like so many of the airlines, they prefer Texaco.

Texaco Aircraft Engine Oil assures clean engines, free rings and valves, longer life for cylinders and bearings. Throughout the industry-

More revenue airline miles in the U.S. are flown with Texaco than with any other brand,

Texaco Aviation Engineers will gladly cooperate in securing increased engine life with Texaco Aviation Products, available at leading airports in the 48 States.

The Texas Company, Aviation Division, 135 E. 42nd St., New York 17, N. Y.



TEXACO Lubricants and Fuels